

FIG. 1

FIG. 2

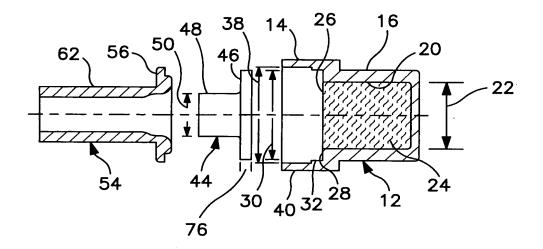


FIG. 3

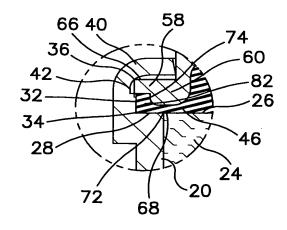


FIG. 4

	,		·			# OF	TIMES	1721.07	2581.6	3442.15	4302.69	5163.23	6023.77	6888.31	0	0	
6023.77			o	100 lbs	0		_ T	0.774	774	0.774	0.774		0.774	0.774			
	5163.23			sql 06	0	POST TEST	LENGTH	0.	0.	0.	.0	.0	0.	.0			
			0	sql 08	.8889	PRE-TEST	LENGTH	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774		
					sql 02	6023.	OVER ALL	PART WEIGHT	5.271	5.271	5.271	5.271	5.271	5.271	5.271	5.271	
				sql 09	5163.	OVE	PART										
				50 lbs	4302.	WAX	WEIGHT	0.159	0.159	0.159	0.159	0.159	0.159	0.159	0.159	0.159	
	\	3442.15		40 lbs	3442.	PISTON	LENGTH	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	
TEST 1		2581.6		30 lbs	2581.	MOTION @	200F	0.305	0.268	0.241	0.223	0.215	0.196	0.191			
		\	1721.07	20 lbs	1721.	-		25	17	12	05	01	87	83			
8000	0009	4000	2000		rimes	MOTION @	180F	0.225	0.217	0.212	0.205	0.2	0.187	0.183			
					# of Ti		LOAD	20 lbs	30 lbs	40 lbs	20 lbs	sql 09	sql 02	sql 08	sql 06	100 lbs	

<u>|</u>aple 1

	1						# OF TIMES	1725	2587.5	3450	4312.5	5175	6037.5	0069	7762.5	8625	
8625					100 lbs	8625	<u> </u>	0.771	0.771	0.771	0.771	0.771	0.771	0.771	0.771	0.771	
	7762.5				sql 06	7762.5	POST TEST LENGTH	0	0	0	0	0	0	0	0	O	
	6900 6037.5					sql 08	0069	PRE-TEST LENGTH	0.771	0.771	0.771	0.771	0.771	0.771	0.771	0.771	0.771
					sql 02	6037.5	OVER ALL PART WEIGHT	5.281	5.281	5.281	5.281	5.281	5.281	5.281	5.281	5.281	
		5175			sql 09	5175	OVE										
		4312.5					F	0.144	0.144	0.144	0.144	0.144	0.144	0.144	144	0.144	
		1			50 lbs	4312.5	WAX	0	0.	.0	0.	0.	0.		0.	0.	
			3450 7.5		40 lbs	3450	PISTON LENGTH	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	
TEST 2			2587.5		30 lbs	2587.5	MOTION @ 200F	0.301	0.205	0.195	0.141	0.138	0.131	0.125	0.119	0.113	
			\	1725	20 lbs	1725	MO										
10000	8000	0009	4000	2000	2		MOTION @ 145F	0.153	0.144	0.142	0.136	0.134	0.127	0.122	0.117	0.112	
						# of Times	LOAD	20 lbs	30 lbs	40 lbs	20 lbs	sql 09	70 lbs	sql 08	sql 06	100 lbs	

Table 2

	1			r	<u> </u>	ī	T	п	# OF TIMES	1721.4	2588.1	3442.8	4303.51	5164.21	6024.91	6885.61	0	0
							0	100 lbs		0.770	0.770	077.0	0.770	0.770	0.770	0.770		
							0	sql 06	POST TEST LENGTH			0))		
	6024.91							sql 08	PRE-TEST LENGTH	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	
		5164.21						70 lbs	OVER ALL PART WEIGHT		5.270	5.270	5.270	5.270	5.270	5.270	5.270	5.270
			3.51					sql 09	OVE PART \									
			4303.51	\ 8				50 lbs	WAX	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141
	BATCH 58640			3442.8				40 lbs	PISTON LENGTH	0.610	0.610	0.610	0.610	0.610	0.610	0.610	0.610	0.610
	TEST 3				2588.1			sq1 0£	71ON @ 200F	0.362	0.346	0.337	0.326	0.308	0.299	0.000	0.000	0.000
			-		1	1721.4		20 lbs	M	3	4	9	3	8	0	_	0	0
8000	2000	0009	2000	4000	3000	2000	1000		MOTION @ 180F	0.243	0.234	0.226	0.223	0.218	0.210	0.201	000'0	0.000
									LOAD	20 lbs	30 lbs	40 lbs	50 lbs	sql 09	20 lbs	sql 08	sql 06	100 lbs